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NEWS 5 AUG 24 CA/CAPLUS enhanced with legal status information for
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NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in
CAS REGISTRY
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM
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NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and
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NEWS 9 OCT 21 Derwent World Patents Index enhanced with human
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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20
FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

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=> s us20060180274/pn
L1 1 US20060180274/PN

=> d all 11

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:305177 CAPLUS
DN 140:304723
ED Entered STN: 15 Apr 2004
TI Polyurethane composition containing a bismuth catalyst
IN Burckhardt, Urs; Diener, Andreas
PA Sika Technology A.-G., Switz.
SO Eur. Pat. Appl., 21 pp.
CODEN: EPXXDW
DT Patent
LA German
IC ICM C08G018-12
ICS C08G018-30; C08G018-22; C09D175-04; C09J175-04; B01J031-18
CC 37-6 (Plastics Manufacture and Processing)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 1408062	A1	20040414	EP 2002-22561	20021008
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
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	WO 2004033519	A1	20040422	WO 2003-EP10931	20031001

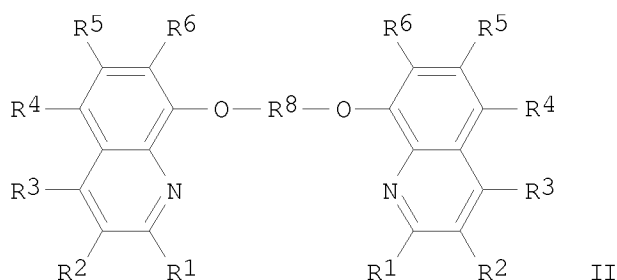
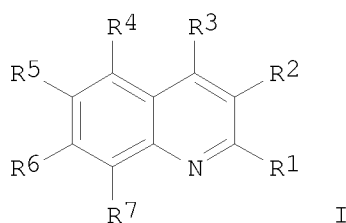
WO 2004033519 A9 20050526
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AU 2003285287 A1 20040504 AU 2003-285287 20031001
EP 1551895 A1 20050713 EP 2003-778270 20031001
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BR 2003015173 A 20050823 BR 2003-15173 20031001
CN 1703437 A 20051130 CN 2003-80101128 20031001
CN 100354331 C 20071212
JP 2006502267 T 20060119 JP 2004-542408 20031001
JP 4220467 B2 20090204
US 20060180274 A1 20060817 US 2005-529894 20050322 <--
MX 2005003678 A 20050816 MX 2005-3678 20050407
PRAI EP 2002-22561 A 20021008
WO 2003-EP10931 W 20031001

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
EP 1408062	ICM	C08G018-12
	ICS	C08G018-30; C08G018-22; C09D175-04; C09J175-04; B01J031-18
	IPCI	C08G0018-12 [ICM,7]; C08G0018-30 [ICS,7]; C08G0018-22 [ICS,7]; C08G0018-00 [ICS,7,C*]; C09D0175-04 [ICS,7]; C09J0175-04 [ICS,7]; B01J0031-18 [ICS,7]; B01J0031-16 [ICS,7,C*]
	IPCR	B01J0031-16 [N,C*]; B01J0031-18 [N,A]; C08G0018-00 [I,C*]; C08G0018-12 [I,A]; C08G0018-22 [I,A]; C08G0018-48 [I,A]; C09D0175-04 [I,C*]; C09D0175-04 [I,A]
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	ECLA	C08G018/12+18/30D5; C08G018/22L; C08G018/48M; C09D175/04; L01J; M08G
WO 2004033519	IPCI	C08G0018-12 [ICM,7]; C08G0018-30 [ICS,7]; C08G0018-22 [ICS,7]; C08G0018-00 [ICS,7,C*]; C09D0175-04 [ICS,7]; C09J0175-04 [ICS,7]; B01J0031-18 [ICS,7]; B01J0031-16 [ICS,7,C*]
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		C09J0175-04 [ICS,7]; B01J0031-18 [ICS,7]; B01J0031-16 [ICS,7,C*]
	IPCR	B01J0031-16 [N,C*]; B01J0031-18 [N,A]; C08G0018-00 [I,C*]; C08G0018-12 [I,A]; C08G0018-22 [I,A]; C08G0018-48 [I,A]; C09D0175-04 [I,C*]; C09D0175-04 [I,A]
	ECLA	C08G018/12+18/30D5; C08G018/22L; C08G018/48M; C09D175/04; L01J; M08G
EP 1551895	IPCI	C08G0018-12 [ICM,7]; C08G0018-30 [ICS,7]; C08G0018-22 [ICS,7]; C08G0018-00 [ICS,7,C*]; C09D0175-04 [ICS,7]; C09J0175-04 [ICS,7]; B01J0031-18 [ICS,7]; B01J0031-16 [ICS,7,C*]
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	ECLA	C08G018/12+18/30D5; C08G018/22L; C08G018/48M; C09D175/04; L01J; M08G
CN 1703437	IPCI	C08G0018-00 [I,C]; C08G0018-12 [I,A]
	IPCR	B01J0031-16 [N,C*]; B01J0031-18 [N,A]; C08G0018-00 [I,C*]; C08G0018-12 [I,A]; C08G0018-22 [I,A]; C08G0018-48 [I,A]; C09D0175-04 [I,C*]; C09D0175-04 [I,A]; C08G0018-30 [I,A]; C09J0175-04 [I,C]; C09J0175-04 [I,A]
	ECLA	C08G018/12+18/30D5; C08G018/22L; C08G018/48M; C09D175/04; L01J; M08G
JP 2006502267	IPCI	C08G0018-22 [I,A]; C08G0018-10 [I,A]; C09D0007-12 [I,A]; C09D0175-04 [I,A]; C09J0011-02 [I,A]; C09J0175-04 [I,A]; C09K0003-10 [I,A]; F16J0015-14 [I,A]; C08G0018-22 [I,A]; C08G0018-10 [I,A]; C08G0018-00 [I,C*]; C09D0007-12 [I,A]; C09D0175-04 [I,A]; C09J0011-02 [I,A]; C09J0175-04 [I,A]; C09K0003-10 [I,A]; F16J0015-14 [I,A]; F16J0015-02 [I,C*]
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	FTERM	4H017/AA04; 4H017/AA31; 4H017/AB05; 4H017/AC05; 4H017/AC17; 4H017/AC19; 4J034/DA01; 4J034/DB03; 4J034/DB07; 4J034/DG02; 4J034/DG03; 4J034/DG04; 4J034/DG09; 4J034/HA02; 4J034/HA07; 4J034/JA42; 4J034/KB02; 4J034/KC23; 4J034/KD02; 4J034/KD11; 4J034/KE02; 4J034/QB12; 4J034/RA07; 4J034/RA08; 4J038/DG291; 4J038/JB25; 4J038/JC38; 4J038/JC39; 4J038/KA04; 4J038/NA25; 4J038/PA07; 4J038/PA20; 4J038/PB07; 4J040/EF321; 4J040/HD41; 4J040/HD42; 4J040/JA01; 4J040/JB06; 4J040/KA14
US 20060180274	IPCI	C08G0018-00 [I,A]

NCL 156/331.700; 528/044.000
 ECLA C08G018/12+18/30D5; C08G018/22L; C08G018/48M;
 C09D175/04
 MX 2005003678 IPCI B01J0031-18 [ICM,7]; B01J0031-16 [ICM,7,C*];
 C08G0018-12 [ICS,7]; C08G0018-22 [ICS,7]; C08G0018-30
 [ICS,7]; C08G0018-00 [ICS,7,C*]; C09D0175-04 [ICS,7];
 C09J0175-04 [ICS,7]
 ECLA C08G018/12+18/30D5; C08G018/22L; C08G018/48M;
 C09D175/04; L01J; M08G
 OS MARPAT 140:304723
 GI



- AB One-component polyurethane compns., containing isocyanate-terminated polyurethane prepolymers and combinations of Bi-derivs. with N-containing heterocycles I or II (R1 - R6 = H, Me, Et, Pr, iso-Pr, Bu, iso-Bu, tert-Bu, C5-12 alkyl, COOH, COOR' or halogen, R7 = H, Me, Et, C3-12 alkyl, OH, OR'', R8 = alkylene- or alkyleneether group, R' = alkyl, R'' = alkyl or alkyl, containing heteroatom) as a catalysts are useful as long-term stable adhesives, sealants, clear coatings, especially as automobile coatings. Polyurethane moisture-curable adhesive paste, based on NCO-terminated prepolymer with NCO-content 2.12 weight% (manufacturing by reacting 2155 g of polyol (Acclaim 4200N) and 4310 g of polyol (Caradol MD34-02) with 1035 g of MDI (Desmodur 44MC L) at 80°) and combination of tri(neodecanoate) Bi with 8-hydroxyquinoline as catalyst exhibits an excellent adhesion to steel sheet and could be applied together with a Sn-based catalyst.
- ST one component polyurethane prepolymer adhesive clear coating; bismuth complex nitrogen heterocycle crosslinking catalyst
- IT Transparent materials
 (coatings; one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)
- IT Heterocyclic compounds
 RL: CAT (Catalyst use); USES (Uses)
 (nitrogen, aromatic; one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)

IT Automobiles
 Crosslinking catalysts
 Primers (paints)
 Sealing compositions
 (one-component polyurethane compns., containing Bi-combinations with
 N-containing heterocycles as catalysts for adhesives, sealants and clear
 coatings)

IT Adhesives
 (one-component; one-component polyurethane compns., containing
 Bi-combinations with N-containing heterocycles as catalysts for adhesives,
 sealants and clear coatings)

IT Polyurethanes, preparation
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM
 (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (polyoxyalkylene-; one-component polyurethane compns., containing
 Bi-combinations with N-containing heterocycles as catalysts for adhesives,
 sealants and clear coatings)

IT Coating materials
 (thermosetting; one-component polyurethane compns., containing
 Bi-combinations with N-containing heterocycles as catalysts for adhesives,
 sealants and clear coatings)

IT Coating materials
 (transparent; one-component polyurethane compns., containing
 Bi-combinations with N-containing heterocycles as catalysts for adhesives,
 sealants and clear coatings)

IT 77-58-7, Dibutyltin dilaurate
 RL: CAT (Catalyst use); USES (Uses)
 (Metatin 712, catalyst; one-component polyurethane compns., containing
 Bi-combinations with N-containing heterocycles as catalysts for adhesives,
 sealants and clear coatings)

IT 34364-26-6, Bismuth trineodecanoate
 RL: CAT (Catalyst use); USES (Uses)
 (NeoBi 200; one-component polyurethane compns., containing Bi-combinations
 with N-containing heterocycles as catalysts for adhesives, sealants and
 clear coatings)

IT 67-51-6, 3,5-Dimethylpyrazole 91-22-5, Quinoline, uses 91-63-4,
 2-Methylquinoline 148-24-3, 8-Hydroxyquinoline, uses 288-32-4,
 Imidazol, uses 366-18-7, 2,2'-Bipyridyl 586-98-1,
 2-Hydroxymethylpyridine 614-97-1, 5-MethylBenzImidazole 4083-64-1D,
 Toluene-4-sulfonyl isocyanate, reaction product with bismuth
 trineodecanoate and diisodecylphthalate 57310-75-5
 RL: CAT (Catalyst use); USES (Uses)
 (co-catalyst; one-component polyurethane compns., containing
 Bi-combinations with N-containing heterocycles as catalysts for adhesives,
 sealants and clear coatings)

IT 6425-39-4P, 2,2'-Dimorpholinodiethylether
 RL: CAT (Catalyst use); IMF (Industrial manufacture); PREP (Preparation);
 USES (Uses)
 (co-catalyst; one-component polyurethane compns., containing
 Bi-combinations with N-containing heterocycles as catalysts for adhesives,
 sealants and clear coatings)

IT 566935-65-7P, Acclaim 4200N-Caradol MD34-02-MDI copolymer 676596-39-7P
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM
 (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (one-component polyurethane compns., containing Bi-combinations with
 N-containing heterocycles as catalysts for adhesives, sealants and clear
 coatings)

IT 677026-22-1, Sika Primer 209
 RL: POF (Polymer in formulation); TEM (Technical or engineered material
 use); USES (Uses)
 (one-component polyurethane compns., containing Bi-combinations with
 N-containing heterocycles as catalysts for adhesives, sealants and clear

coatings)
OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
UPOS.G Date last citing reference entered STN: 02 Oct 2009
OS.G CAPLUS 2009:1171707; 2009:671368; 2007:1327817
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE CITED REFERENCES
(1) Bayer Ag; GB 1550235 A 1979 CAPLUS
(2) Groegler, G; US 4786655 A 1988 CAPLUS
(3) House, D; US 4874831 A 1989 CAPLUS
(4) Huels Chemische Werke Ag; EP 0761705 A 1997 CAPLUS
(5) Mitsui Toatsu Chemicals; EP 0376674 A 1990 CAPLUS

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FULL ESTIMATED COST	9.62	9.84
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STRUCTURE FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8
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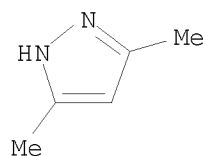
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L2 1 67-51-6
(67-51-6/RN)

=> d 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 67-51-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1H-Pyrazole, 3,5-dimethyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pyrazole, 3,5-dimethyl- (6CI, 8CI)
OTHER NAMES:
CN 1H-3,5-Dimethylpyrazole
CN 3,5-Dimethyl-1H-pyrazole

CN 3,5-Dimethylpyrazole
 CN NSC 8729
 CN TH 564
 CN Trixene DP 8692
 CN U 6245
 MF C5 H8 N2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU,
 EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, RTECS*,
 SPECINFO, TOXCENTER, USPAT2, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
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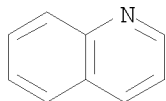
1850 REFERENCES IN FILE CA (1907 TO DATE)
 174 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1853 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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 L3 1 91-22-5/RN

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 91-22-5 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Quinoline (CA INDEX NAME)
 OTHER NAMES:
 CN 1-Azanaphthalene
 CN 1-Benzazine
 CN B 500
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 CN Quinolin
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 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS,
 BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX,
 CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, ENCOMPLIT,
 ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT,
 IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA, PROMT, RTECS*,
 SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL
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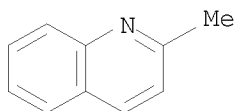
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13068 REFERENCES IN FILE CA (1907 TO DATE)
1748 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
13092 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L4 1 91-63-4/RN

=> d 14

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 91-63-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN Quinoline, 2-methyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Quinaldine (8CI)
OTHER NAMES:
CN 2-Methylquinoline
CN Khinaldin
CN NSC 3397
MF C10 H9 N
CI COM
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT, USPAT2, USPATFULL, USPATOLD
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2211 REFERENCES IN FILE CA (1907 TO DATE)
57 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2221 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 148-24-3/rn

L5 1 148-24-3/RN

=> d 15

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 148-24-3 REGISTRY

ED Entered STN: 16 Nov 1984

CN 8-Quinolinol (CA INDEX NAME)

OTHER NAMES:

CN 1-Azanaphthalene-8-ol

CN 8-Hydroxychinolin

CN 8-Hydroxyquinoline

CN 8-OQ

CN 8-Oxyquinoline

CN 8-Quinol

CN Albisal

CN AQ+

CN Fennosan H 30

CN NSC 2039

CN NSC 285166

CN NSC 402623

CN NSC 48037

CN NSC 54230

CN NSC 615011

CN NSC 82404

CN NSC 82405

CN NSC 82409

CN NSC 82410

CN NSC 82412

CN Oxin

CN Oxine

CN Oxoquinoline

CN Oxychinolin

CN Oxyquinoline

CN Phenopyridine

CN Quinophenol

CN Tumex

DR 123574-67-4, 24804-14-6

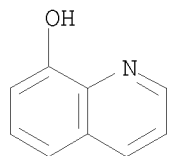
MF C9 H7 N O

CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, VETU (*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



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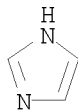
9998 REFERENCES IN FILE CA (1907 TO DATE)

1534 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
10020 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 288-32-4
L6 1 288-32-4
(288-32-4/RN)

=> d 16

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 288-32-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1H-Imidazole (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Imidazole (8CI)
OTHER NAMES:
CN 1,3-Diaza-2,4-cyclopentadiene
CN 1,3-Diazole
CN 3-Azapyrrole
CN Glyoxalin
CN Glyoxaline
CN Imidazol
CN Imutex
CN Methanimidamide, N,N'-1,2-ethenediyl-
CN Miazole
CN NSC 60522
DR 146117-15-9, 116421-26-2
MF C3 H4 N2
CI COM, RPS
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS,
BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,
CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*, IFICDB,
IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA, PROMT,
PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2,
USPATFULL, USPATOLD, VETU
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



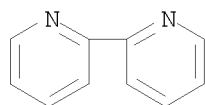
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19360 REFERENCES IN FILE CA (1907 TO DATE)
3546 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
19425 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 366-18-7/rn
L7 1 366-18-7/RN

=> d 17

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 366-18-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 2,2'-Bipyridine (CA INDEX NAME)
 OTHER NAMES:
 CN α,α' -Bipyridine
 CN α,α' -Bipyridyl
 CN α,α' -Dipyridine
 CN α,α' -Dipyridyl
 CN 2,2'-Bipyridyl
 CN 2,2'-Dipyridine
 CN 2,2'-Dipyridyl
 CN 2-(2-Pyridyl)pyridine
 CN Dri-Rx 19LC-E
 CN NSC 1550
 CN NSC 615009
 MF C10 H8 N2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



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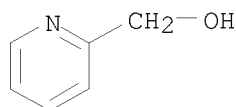
10360 REFERENCES IN FILE CA (1907 TO DATE)
 2526 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 10411 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 586-98-1/rn
 L8 1 586-98-1/RN

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 586-98-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 2-Pyridinemethanol (CA INDEX NAME)
 OTHER NAMES:
 CN α -Picolyl alcohol
 CN 2-(Hydroxymethyl)pyridine
 CN 2-Pyridinylcarbinol
 CN 2-Pyridinylmethanol
 CN 2-Pyridylcarbinol
 CN 2-Pyridylmethanol
 CN Piconol
 CN Pyridine-2-carbinol

MF C6 H7 N O
 CI COM
 LC STN Files: ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DETHERM*, GMELIN*, IFICDB, IFIPAT, IFIUDB, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)



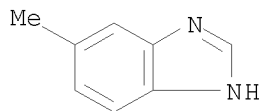
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1146 REFERENCES IN FILE CA (1907 TO DATE)
 34 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1148 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 614-97-1/rn
 L9 1 614-97-1/RN

=> d 19

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 614-97-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1H-Benzimidazole, 6-methyl- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1H-Benzimidazole, 5-methyl- (9CI)
 CN Benzimidazole, 5(or 6)-methyl- (7CI)
 CN Benzimidazole, 5-methyl- (8CI)
 OTHER NAMES:
 CN 5-Methyl-1H-benzimidazole
 CN 5-Methylbenzimidazole
 CN NSC 3826
 MF C8 H8 N2
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, PIRA, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

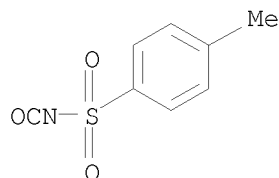
197 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
197 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 4083-64-1/rn
L10 1 4083-64-1/RN

=> d 110

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 4083-64-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzenesulfonyl isocyanate, 4-methyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Isocyanic acid, anhydride with p-toluenesulfonic acid (6CI)
CN p-Toluenesulfonic acid, anhydride with isocyanic acid (7CI, 8CI)
OTHER NAMES:
CN 4-Methylbenzenesulfonyl isocyanate
CN 4-Methylphenylsulfonyl isocyanate
CN 4-Toluenesulfonyl isocyanate
CN Additive TI
CN p-Methylbenzenesulfonyl isocyanate
CN p-Methylphenylsulfonyl isocyanate
CN p-Toluenesulfonyl isocyanate
CN p-Toluenesulphonyl isocyanate
CN p-Tosyl isocyanate
CN PTSI
CN Tosyl isocyanate
DR 102086-99-7
MF C8 H7 N O3 S
CI COM
LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CBNB,
CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB,
MSDS-OHS, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT,
USPAT2, USPATFULL, USPATOLD
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

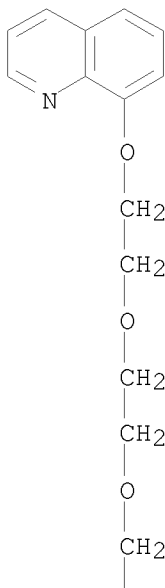
1011 REFERENCES IN FILE CA (1907 TO DATE)
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1013 REFERENCES IN FILE CAPLUS (1907 TO DATE)

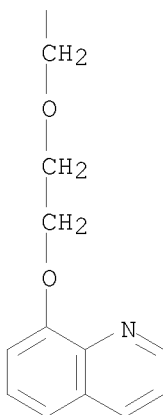
=> s 57310-75-5/rn
L11 1 57310-75-5/RN

=> d 111

L11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 57310-75-5 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Quinoline, 8,8'-[oxybis(2,1-ethanediylloxy-2,1-ethanediylloxy)]bis- (CA
 INDEX NAME)
 OTHER NAMES:
 CN 1,11-Bis(8-quinolinyloxy)-3,6,9-trioxaundecane
 CN 1,11-Bis(8-quinolyloxy)-3,6,9-trioxaundecane
 CN 1,13-Bis(8-quinolinyloxy)-1,4,7,10,13-pentaoxatridecane
 CN 1,13-Bis[8-quinolyloxy]-1,4,7,10,13-pentaoxatridecane
 CN Cryptofix 5
 CN Kryptofix 5
 CN NSC 339328
 DR 64236-96-0
 MF C26 H28 N2 O5
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
 CSCHEM, MEDLINE, MSDS-OHS, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

PAGE 1-A





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

83 REFERENCES IN FILE CA (1907 TO DATE)
 21 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 83 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s l11 or l5 or l4
 L12 3 L11 OR L5 OR L4

=> file caplus
 COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
23.86	33.70

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-0.82

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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20
 FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/CAPLUS family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.

=> s l12

L13 12230 L12

=> s l13 and bismuth

152425 BISMUTH

5 BISMUTHS

152425 BISMUTH

(BISMUTH OR BISMUTHS)

L14 134 L13 AND BISMUTH

=> s l14 and (polyurethane or polyisocyanate or diisocyanate or triisocyanate or polyurea or urethane or urea)

145613 POLYURETHANE

123161 POLYURETHANES

183749 POLYURETHANE

(POLYURETHANE OR POLYURETHANES)

21597 POLYISOCYANATE

18512 POLYISOCYANATES

32313 POLYISOCYANATE

(POLYISOCYANATE OR POLYISOCYANATES)

55188 DIISOCYANATE

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(DIISOCYANATE OR DIISOCYANATES)

1299 TRIISOCYANATE

297 TRIISOCYANATES

1472 TRIISOCYANATE

(TRIISOCYANATE OR TRIISOCYANATES)

12821 POLYUREA

11627 POLYUREAS

15602 POLYUREA

(POLYUREA OR POLYUREAS)

126605 URETHANE

6166 URETHANES

128670 URETHANE

(URETHANE OR URETHANES)

241943 UREA

11128 UREAS

245278 UREA

(UREA OR UREAS)

L15 12 L14 AND (POLYURETHANE OR POLYISOCYANATE OR DIISOCYANATE OR TRIISOCYANATE OR POLYUREA OR URETHANE OR UREA)

=> d l15

L15 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2009:1210166 CAPLUS

TI Sol-gel/self-combustion process for manufacture of metals, alloys and metal matrix composites

IN Yang, Shaoguang; Jiang, Yuwen; Hua, Zhenghe; Huang, Hongbo
 PA Nanjing University, Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 10pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 101543894	A	20090930	CN 2009-10030207	20090319
PRAI	CN 2009-10030207		20090319		

=> d 115 2

L15 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2009:916938 CAPLUS
 DN 151:181926
 TI Pasty insert material for widening the gingival sulcus and use
 IN Bublewitz, Alexander; Reber, Jens-Peter
 PA Kettenbach GmbH & Co. KG, Germany
 SO PCT Int. Appl., 73pp.
 CODEN: PIXXD2
 DT Patent
 LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2009092568	A2	20090730	WO 2009-EP349	20090121
	W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	DE 102008005469	A1	20090723	DE 2008-102008005469	20080121
PRAI	DE 2008-102008005469	A	20080121		

=> d 115 3

L15 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2008:830514 CAPLUS
 DN 149:121248
 TI Colorimetric method and kit for detecting herbicide resistance in weeds
 IN Ravn, Helle Weber; Kudsk, Per Nielsen; Mathiassen, Solvejg K.
 PA Aarhus Universitet, Den.
 SO PCT Int. Appl., 111pp.
 CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

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PI	WO 2008080410	A1	20080710	WO 2008-DK50004	20080107
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CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,
FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,
TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
AU 2008203745 A1 20080710 AU 2008-203745 20080107
CA 2674643 A1 20080710 CA 2008-2674643 20080107
EP 2102654 A1 20090923 EP 2008-700137 20080107
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SK, TR, AL, BA, MK, RS
PRAI DK 2007-24 A 20070107
WO 2008-DK50004 W 20080107
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 115 4

L15 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2008:829742 CAPLUS
DN 149:121218
TI Colorimetric method and kit for testing herbicide stress effects in weeds
IN Ravn, Helle Weber
PA Aarhus Universitet, Den.
SO PCT Int. Appl., 170pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2008080409	A1	20080710	WO 2008-DK50003	20080107
	W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	AU 2008203744	A1	20080710	AU 2008-203744	20080107
	CA 2674642	A1	20080710	CA 2008-2674642	20080107
	EP 2102653	A1	20090923	EP 2008-700136	20080107
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PRAI	DK 2007-22	A	20070107		
	WO 2008-DK50003	W	20080107		
OSC.G	1			THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)	
RE.CNT	4			THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT	

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L15 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2007:825678 CAPLUS
DN 147:228569
TI Identification of the Structural Requirements for Mutagenicity, by
Incorporating Molecular Flexibility and Metabolic Activation of Chemicals.
II. General Ames Mutagenicity Model. [Erratum to document cited in
CA146:516278]
AU Serafimova, R.; Todorov, M.; Pavlov, T.; Kotov, S.; Jacob, E.; Aptula, A.;
Mekenyan, O.
CS Laboratory of Mathematical Chemistry, University Prof. As. Zlatarov,
Bourga, 8000, Bulg.
SO Chemical Research in Toxicology (2007), 20(8), 1225
CODEN: CRTOEC; ISSN: 0893-228X
PB American Chemical Society
DT Journal
LA English

=> d 115 6

L15 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2007:334667 CAPLUS
DN 146:516278
TI Identification of the Structural Requirements for Mutagenicity, by
Incorporating Molecular Flexibility and Metabolic Activation of Chemicals.
II. General Ames Mutagenicity Model
AU Serafimova, R.; Todorov, M.; Pavlov, T.; Kotov, S.; Jacob, E.; Aptula, A.;
Mekenyan, O.
CS Laboratory of Mathematical Chemistry, University Prof. As. Zlatarov,
Bourgas, 8000, Bulg.
SO Chemical Research in Toxicology (2007), 20(4), 662-676
CODEN: CRTOEC; ISSN: 0893-228X
PB American Chemical Society
DT Journal
LA English
OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
RE.CNT 81 THERE ARE 81 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 115 7

L15 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:305177 CAPLUS
DN 140:304723
TI Polyurethane composition containing a bismuth catalyst
IN Burckhardt, Urs; Diener, Andreas
PA Sika Technology A.-G., Switz.
SO Eur. Pat. Appl., 21 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 1408062	A1	20040414	EP 2002-22561	20021008
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				

CA 2501224	A1	20040422	CA 2003-2501224	20031001
WO 2004033519	A1	20040422	WO 2003-EP10931	20031001
WO 2004033519	A9	20050526		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003285287	A1	20040504	AU 2003-285287	20031001
EP 1551895	A1	20050713	EP 2003-778270	20031001
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003015173	A	20050823	BR 2003-15173	20031001
CN 1703437	A	20051130	CN 2003-80101128	20031001
CN 100354331	C	20071212		
JP 2006502267	T	20060119	JP 2004-542408	20031001
JP 4220467	B2	20090204		
US 20060180274	A1	20060817	US 2005-529894	20050322
MX 2005003678	A	20050816	MX 2005-3678	20050407
PRAI EP 2002-22561	A	20021008		
WO 2003-EP10931	W	20031001		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 140:304723

OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 115 8

L15 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2003:376338 CAPLUS

DN 138:347624

TI Method for laser patterning a multilayered conductor/substrate structure

IN Kian, Kouroche; Heydarpour, Ramin

PA Avery Dennison Corporation, USA

SO U.S. Pat. Appl. Publ., 28 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 20030092267	A1	20030515	US 2001-8808	20011113
	US 6602790	B2	20030805		
PRAI	US 2001-8808		20011113		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (15 CITINGS)

=> d 115 9

L15 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1993:455828 CAPLUS

DN 119:55828

OREF 119:9945a,9948a

TI Status of certain additional over-the-counter drug category II and III

active ingredients
CS United States Food and Drug Administration, Rockville, MD, 20857, USA
SO Federal Register (1993), 58(88), 27636-44, 10 May 1993
CODEN: FEREAC; ISSN: 0097-6326
DT Journal
LA English

=> d 115 10

L15 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1980:487930 CAPLUS
DN 93:87930
OREF 93:13937a,13940a
TI Precipitation of bismuth 8-quinolinolate from homogeneous
solution by urea hydrolysis
AU Reddy, G. Siva; Reddy, Y. Krishna
CS Dep. Chem., Sri Venkatesawara Univ., Tirupati, 517502, India
SO Analyst (Cambridge, United Kingdom) (1980), 105(1249), 391-5, 1 Plate
CODEN: ANALAO; ISSN: 0003-2654
DT Journal
LA English

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	32.42	66.12
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.82

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LAST RELOADED: Nov 6, 2009 (20091106/UP).

=> d 115 10

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L15 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1980:487930 CAPLUS
DN 93:87930
OREF 93:13937a,13940a
TI Precipitation of bismuth 8-quinolinolate from homogeneous
solution by urea hydrolysis
AU Reddy, G. Siva; Reddy, Y. Krishna
CS Dep. Chem., Sri Venkatesawara Univ., Tirupati, 517502, India
SO Analyst (Cambridge, United Kingdom) (1980), 105(1249), 391-5, 1 Plate
CODEN: ANALAO; ISSN: 0003-2654
DT Journal
LA English

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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FULL ESTIMATED COST	ENTRY 0.07	SESSION 68.15
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.82

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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20
 FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

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=> d 115 11

L15 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 1958:80541 CAPLUS
 DN 52:80541
 OREF 52:14269f-i,14270a
 TI The volatility of polonium compounds
 AU Mabuchi, Hisao
 CS Univ. Tokyo
 SO Bulletin of the Chemical Society of Japan (1958), 31, 245-6
 CODEN: BCSJA8; ISSN: 0009-2673
 DT Journal
 LA Unavailable

=> d 115 12

L15 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 1952:47874 CAPLUS

DN 46:47874
 OREF 46:7927g-i,7928a-d
 TI Chromatographic analysis of metals by organic reagents
 AU Ashizawa, Takashi
 CS Okayama Univ.
 SO Repts. Balneol. Lab. Okayama Univ. (1951), (No. 5), 1-42
 DT Journal
 LA English

=> d 115 13

12 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE
 The answer numbers requested are not in the answer set.
 ENTER ANSWER NUMBER OR RANGE (1):3

L15 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2008:830514 CAPLUS
 DN 149:121248
 TI Colorimetric method and kit for detecting herbicide resistance in weeds
 IN Ravn, Helle Weber; Kudsk, Per Nielsen; Mathiassen, Solvejg K.
 PA Aarhus Universitet, Den.
 SO PCT Int. Appl., 111pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

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	AU 2008203745	A1	20080710	AU 2008-203745	20080107
	CA 2674643	A1	20080710	CA 2008-2674643	20080107
	EP 2102654	A1	20090923	EP 2008-700137	20080107
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS				
PRAI	DK 2007-24	A	20070107		
	WO 2008-DK50004	W	20080107		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
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LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

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LOGINID:SSPTAMLL1796

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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500,000 in Key STN Databases
NEWS 3 APR 02 PATDPAFULL: Application and priority number formats
enhanced
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NEWS 5 APR 02 New Thesaurus Added to Derwent Databases for Smooth
Sailing through U.S. Patent Codes
NEWS 6 APR 02 EMBASE Adds Unique Records from MEDLINE, Expanding
Coverage back to 1948
NEWS 7 APR 07 CA/CAPLUS CLASS Display Streamlined with Removal of
Pre-IPC 8 Data Fields
NEWS 8 APR 07 50,000 World Traditional Medicine (WTM) Patents Now
Available in CAPLUS
NEWS 9 APR 07 MEDLINE Coverage Is Extended Back to 1947
NEWS 10 JUN 16 WPI First View (File WPIFV) will no longer be
available after July 30, 2010
NEWS 11 JUN 18 DWPI: New coverage - French Granted Patents
NEWS 12 JUN 18 CAS and FIZ Karlsruhe announce plans for a new
STN platform
NEWS 13 JUN 18 IPC codes have been added to the INSPEC backfile
(1969-2009)
NEWS 14 JUN 21 Removal of Pre-IPC 8 data fields streamline displays
in CA/CAPLUS, CASREACT, and MARPAT
NEWS 15 JUN 21 Access an additional 1.8 million records exclusively
enhanced with 1.9 million CAS Registry Numbers --
EMBASE Classic on STN
NEWS 16 JUN 28 Introducing "CAS Chemistry Research Report": 40 Years
of Biofuel Research Reveal China Now Atop U.S. in
Patenting and Commercialization of Bioethanol
NEWS 17 JUN 29 Enhanced Batch Search Options in DGENE, USGENE,
and PCTGEN
NEWS 18 JUL 19 Enhancement of citation information in INPADOC
databases provides new, more efficient competitor
analyses
NEWS 19 JUL 26 CAS coverage of global patent authorities has
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NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

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	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

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DICTIONARY FILE UPDATES: 16 AUG 2010 HIGHEST RN 1236252-88-2

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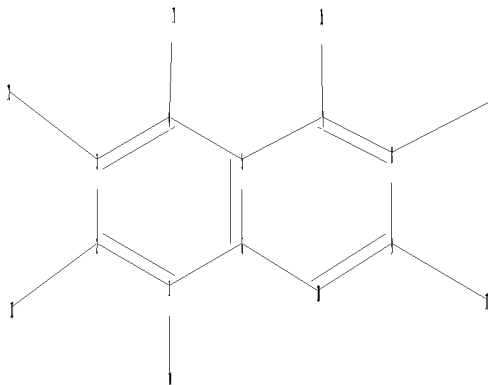
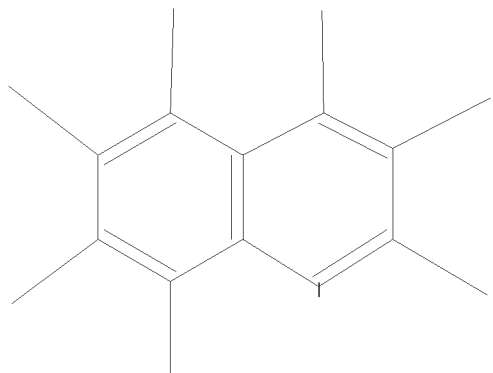
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<http://www.cas.org/support/stngen/stndoc/properties.html>

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ring nodes :
1 2 3 4 5 6 7 8 9 10
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ring bonds :
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exact bonds :
1-14 2-13 3-12 4-11 7-15 8-16 9-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS

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L1 STRUCTURE UPLOADED

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SAMPLE SCREEN SEARCH COMPLETED - 396 TO ITERATE

100.0% PROCESSED 396 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 6727 TO 9113
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss ful

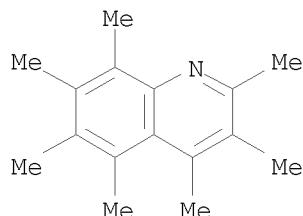
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100.0% PROCESSED 8137 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L3 1 SEA SSS FUL L1

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN
RN 97458-52-1 REGISTRY
ED Entered STN: 04 Aug 1985
CN Quinoline, 2,3,4,5,6,7,8-heptamethyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Quinoline, heptamethyl- (9CI)
MF C16 H21 N
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
193.64	193.86

FULL ESTIMATED COST

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FILE COVERS 1907 - 17 Aug 2010 VOL 153 ISS 8
FILE LAST UPDATED: 16 Aug 2010 (20100816/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2010

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 1

L4 1893285 L

=> s 13

L5 1 L3

=> d 15

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1985:456414 CAPLUS

DN 103:56414

OREF 103:9080h,9081a

TI Separation and identification by gas chromatography and gas chromatography-mass spectrometry of the nitrogen compounds from a deasphalted heavy oil. Evolution of their distribution after a catalytic hydrotreatment

AU Ignatiadis, I.; Schmitter, J. M.; Arpino, P.

CS Lab. Chim. Anal. Phys., Ec. Polytech., Palaiseau, 91128, Fr.

SO Journal of Chromatography (1985), 324(1), 87-111

CODEN: JOCRAM; ISSN: 0021-9673

DT Journal

LA French

OSC.G 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.11

199.97

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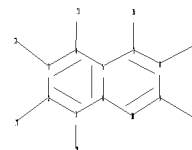
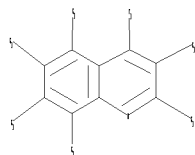
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<http://www.cas.org/support/stngen/stndoc/properties.html>

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ring nodes :
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ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10
exact/norm bonds :
1-14 2-13 3-12 4-11 7-15 8-16 9-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

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G1: Ak, CH3, Et, i-Pr, i-Bu, t-Bu, COOH, X

G2: Ak, OH

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS

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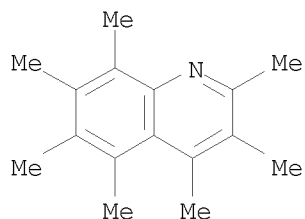
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1 ANSWERS

L7 1 SEA SSS FUL L6

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L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN
RN 97458-52-1 REGISTRY
ED Entered STN: 04 Aug 1985
CN Quinoline, 2,3,4,5,6,7,8-heptamethyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Quinoline, heptamethyl- (9CI)
MF C16 H21 N
SR CA
LC STN Files: CA, CAPLUS

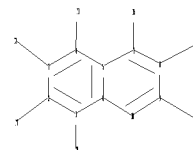
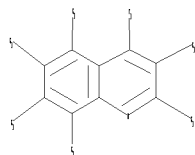


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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ring nodes :
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chain bonds :
1-14 2-13 3-12 4-11 7-15 8-16 9-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10
exact/norm bonds :
1-14 2-13 3-12 4-11 7-15 8-16 9-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

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G1: Ak, CH3, Et, i-Pr, i-Bu, t-Bu, COOH, X, H

G2: Ak, OH

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS

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=> s l8 sss ful
FULL SEARCH INITIATED 14:21:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1242865 TO ITERATE

100.0% PROCESSED 1242865 ITERATIONS 27271 ANSWERS
SEARCH TIME: 00.00.09

L9 27271 SEA SSS FUL L8

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 386.16 586.13

FILE 'CAPLUS' ENTERED AT 14:22:14 ON 17 AUG 2010
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FILE COVERS 1907 - 17 Aug 2010 VOL 153 ISS 8
FILE LAST UPDATED: 16 Aug 2010 (20100816/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2010

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l9
L10 21348 L9

=> s l10 and (urethane or urea or polyurethane or urethane)
129258 URETHANE
6333 URETHANES
131411 URETHANE
(URETHANE OR URETHANES)
251228 UREA
11556 UREAS
254684 UREA
(UREA OR UREAS)
152398 POLYURETHANE
133725 POLYURETHANES
194692 POLYURETHANE
(POLYURETHANE OR POLYURETHANES)
129258 URETHANE

6333 URETHANES
131411 URETHANE
(URETHANE OR URETHANES)

L11 661 L10 AND (URETHANE OR UREA OR POLYURETHANE OR URETHANE)

=> s l11 and bismuth
158640 BISMUTH
5 BISMUTHS
158640 BISMUTH
(BISMUTH OR BISMUTHS)

L12 27 L11 AND BISMUTH

=> d l12

L12 ANSWER 1 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2010:439729 CAPLUS
DN 152:415377
TI Compositions comprising fenugreek fiber exhibiting delayed transit through
gastrointestinal tract
IN Pilgaonkar, Pratibha Sudhir; Rustomjee, Maharukh Tehmasp; Gandhi,
Anilkumar Surendrakumar; Suvarnapathaki, Rupali Kedar
PA Rubicon Research Private Limited, India
SO PCT Int. Appl., 37pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2010038237	A2	20100408	WO 2009-IN516	20090922
	W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	IN 2008-MU2020	A	20080922		

=> d l12 2

L12 ANSWER 2 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2010:211190 CAPLUS
DN 152:296319
TI Formulation based on micronized clinoptilolite as therapeutic agent
providing highly bioavailable silicon
IN Lelas, Antonio; Cepanac, Ivaca
PA Novatech d.o.o., Croatia
SO PCT Int. Appl., 47pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2010018418	A1	20100218	WO 2008-HR30	20080812

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
 CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,
 FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,
 KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
 ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,
 PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ,
 TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
 IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
 TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
 AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI WO 2008-HR30

20080812

RE.CNT 6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 3

L12 ANSWER 3 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2009:1210166 CAPLUS

DN 151:475833

TI Sol-gel/self-combustion process for manufacture of metals, alloys and
 metal matrix composites

IN Yang, Shaoguang; Jiang, Yuwen; Hua, Zhenghe; Huang, Hongbo

PA Nanjing University, Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 10pp.

CODEN: CNXXEV

DT Patent

LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 101543894	A	20090930	CN 2009-10030207	20090319
PRAI	CN 2009-10030207		20090319		

=> d 112 4

L12 ANSWER 4 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2009:916938 CAPLUS

DN 151:181926

TI Pasty insert material for widening the gingival sulcus and use

IN Bublewitz, Alexander; Reber, Jens-Peter

PA Kettenbach GmbH & Co. KG, Germany

SO PCT Int. Appl., 73pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2009092568	A2	20090730	WO 2009-EP349	20090121
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI,				

SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
 TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
 ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 DE 102008005469 A1 20090723 DE 2008-102008005469 20080121
 PRAI DE 2008-102008005469 A 20080121

=> d 112 5

L12 ANSWER 5 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2009:798878 CAPLUS
 DN 151:108598
 TI Biodegradable contrast agents
 IN Almen, Torsten; Brudeli, Bjarne; Kjellson, Fred; Klaveness, Jo
 PA Iopharma Technologies AB, Swed.; Wang, Jian-Sheng; Kidd, Sara
 SO PCT Int. Appl., 41pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2009081169	A2	20090702	WO 2008-GB4268	20081222
	WO 2009081169	A3	20091210		
	W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
PRAI	GB 2007-25070	A	20071221		

=> d 112 6

L12 ANSWER 6 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2008:1338835 CAPLUS
 DN 149:541637
 TI Adhesive patch with aversive agent
 IN Rolf, David
 PA Lectec Corp., USA
 SO PCT Int. Appl., 101pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2008133982	A2	20081106	WO 2008-US5339	20080425
	WO 2008133982	A3	20090507		
	W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,			

TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,
TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
PRAI US 2007-926483P P 20070427

=> d 112 7

L12 ANSWER 7 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2008:830514 CAPLUS
DN 149:121248
TI Colorimetric method and kit for detecting herbicide resistance in weeds
IN Ravn, Helle Weber; Kudsk, Per Nielsen; Mathiassen, Solvejg K.
PA Aarhus Universitet, Den.
SO PCT Int. Appl., 111pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2008080410	A1	20080710	WO 2008-DK50004	20080107
	W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	AU 2008203745	A1	20080710	AU 2008-203745	20080107
	CA 2674643	A1	20080710	CA 2008-2674643	20080107
	EP 2102654	A1	20090923	EP 2008-700137	20080107
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS			
	US 20100150842	A1	20100617	US 2010-522367	20100119
PRAI	DK 2007-24	A	20070107		
	WO 2008-DK50004	W	20080107		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 8

L12 ANSWER 8 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2008:829742 CAPLUS
DN 149:121218
TI Colorimetric method and kit for testing herbicide stress effects in weeds
IN Ravn, Helle Weber
PA Aarhus Universitet, Den.
SO PCT Int. Appl., 170pp.
CODEN: PIXXD2
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2008080409	A1	20080710	WO 2008-DK50003	20080107
	W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	AU 2008203744	A1	20080710	AU 2008-203744	20080107
	CA 2674642	A1	20080710	CA 2008-2674642	20080107
	EP 2102653	A1	20090923	EP 2008-700136	20080107
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS				
	US 20100047176	A1	20100225	US 2009-522372	20090924
PRAI	DK 2007-22	A	20070107		
	WO 2008-DK50003	W	20080107		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 9

L12 ANSWER 9 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2007:825678 CAPLUS
DN 147:228569
TI Identification of the Structural Requirements for Mutagenicity, by
Incorporating Molecular Flexibility and Metabolic Activation of Chemicals.
II. General Ames Mutagenicity Model. [Erratum to document cited in
CA146:516278]
AU Serafimova, R.; Todorov, M.; Pavlov, T.; Kotov, S.; Jacob, E.; Aptula, A.;
Mekenyan, O.
CS Laboratory of Mathematical Chemistry, University Prof. As. Zlatarov,
Bourga, 8000, Bulg.
SO Chemical Research in Toxicology (2007), 20(8), 1225
CODEN: CRTOEC; ISSN: 0893-228X
PB American Chemical Society
DT Journal
LA English

=> d 112 10

L12 ANSWER 10 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2007:334667 CAPLUS
DN 146:516278
TI Identification of the Structural Requirements for Mutagenicity, by
Incorporating Molecular Flexibility and Metabolic Activation of Chemicals.
II. General Ames Mutagenicity Model
AU Serafimova, R.; Todorov, M.; Pavlov, T.; Kotov, S.; Jacob, E.; Aptula, A.;
Mekenyan, O.

CS Laboratory of Mathematical Chemistry, University Prof. As. Zlatarov,
Bourgas, 8000, Bulg.
SO Chemical Research in Toxicology (2007), 20(4), 662-676
CODEN: CRTOEC; ISSN: 0893-228X
PB American Chemical Society
DT Journal
LA English
OSC.G 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
RE.CNT 81 THERE ARE 81 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 11

L12 ANSWER 11 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2006:405003 CAPLUS
DN 146:155278
TI Non-stochastic and stochastic linear indices of the molecular
pseudograph's atom-adjacency matrix: a novel approach for computational in
silico screening and "rational" selection of new lead antibacterial agents
AU Marrero-Ponce, Yovani; Marrero, Ricardo Medina; Torrens, Francisco;
Martinez, Yamile; Bernal, Milagros Garcia; Zaldivar, Vicente Romero;
Castro, Eduardo A.; Abalo, Ricardo Grau
CS Department of Pharmacy, Faculty of Chemical-Pharmacy, Central University
of Las Villas, Santa Clara, 54830, Cuba
SO Journal of Molecular Modeling (2006), 12(3), 255-271
CODEN: JMMOFK; ISSN: 0948-5023
URL: <http://www.springerlink.com/media/ef6tmfk36j3ttmb97wlh/contributions/1/2/v/4/12v47qr26320v870.pdf>
PB Springer GmbH
DT Journal; (online computer file)
LA English
OSC.G 31 THERE ARE 31 CAPLUS RECORDS THAT CITE THIS RECORD (33 CITINGS)
RE.CNT 71 THERE ARE 71 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 12

L12 ANSWER 12 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2005:244333 CAPLUS
DN 143:307
TI Atom, atom-type, and total nonstochastic and stochastic quadratic
fingerprints: a promising approach for modeling of antibacterial activity
AU Marrero-Ponce, Yovani; Medina-Marrero, Ricardo; Torrens, Francisco;
Martinez, Yamile; Romero-Zaldivar, Vicente; Castro, Eduardo A.
CS Department of Pharmacy, Faculty of Chemical-Pharmacy, Central University
of Las Villas, Santa Clara, 54830, Cuba
SO Bioorganic & Medicinal Chemistry (2005), 13(8), 2881-2899
CODEN: BMECEP; ISSN: 0968-0896
PB Elsevier Ltd.
DT Journal
LA English
OSC.G 47 THERE ARE 47 CAPLUS RECORDS THAT CITE THIS RECORD (47 CITINGS)
RE.CNT 91 THERE ARE 91 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 13

L12 ANSWER 13 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2004:610054 CAPLUS

DN 141:162353
 TI Transdermal patch comprising antiviral and other agents
 IN Rolf, David
 PA Lectec Corporation, USA
 SO PCT Int. Appl., 144 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004062600	A2	20040729	WO 2004-US392	20040108
	WO 2004062600	A3	20041104		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,				
	LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ				
	US 7288265	B1	20071030	US 2003-338809	20030108
PRAI	US 2003-338809	A	20030108		
	US 2000-688445	B2	20001016		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 14

L12 ANSWER 14 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2004:305177 CAPLUS
 DN 140:304723
 TI Polyurethane composition containing a bismuth catalyst
 IN Burckhardt, Urs; Diener, Andreas
 PA Sika Technology A.-G., Switz.
 SO Eur. Pat. Appl., 21 pp.
 CODEN: EPXXDW

DT Patent
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1408062	A1	20040414	EP 2002-22561	20021008
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	CA 2501224	A1	20040422	CA 2003-2501224	20031001
	WO 2004033519	A1	20040422	WO 2003-EP10931	20031001
	WO 2004033519	A9	20050526		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,				
	GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,				
	LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,				
	OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,				
	TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,				
	FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,				
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003285287	A1	20040504	AU 2003-285287	20031001
	EP 1551895	A1	20050713	EP 2003-778270	20031001
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	BR 2003015173	A	20050823	BR 2003-15173	20031001

CN 1703437	A	20051130	CN 2003-80101128	20031001
CN 100354331	C	20071212		
JP 2006502267	T	20060119	JP 2004-542408	20031001
JP 4220467	B2	20090204		
US 20060180274	A1	20060817	US 2005-529894	20050322
MX 2005003678	A	20050816	MX 2005-3678	20050407
PRAI EP 2002-22561	A	20021008		
WO 2003-EP10931	W	20031001		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 140:304723

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 15

L12 ANSWER 15 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2003:376338 CAPLUS

DN 138:347624

TI Method for laser patterning a multilayered conductor/substrate structure

IN Kian, Kouroche; Heydarpour, Ramin

PA Avery Dennison Corporation, USA

SO U.S. Pat. Appl. Publ., 28 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 20030092267	A1	20030515	US 2001-8808	20011113
	US 6602790	B2	20030805		
PRAI	US 2001-8808		20011113		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)

=> d 112 16

L12 ANSWER 16 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2000:259972 CAPLUS

DN 132:293042

TI Encapsulation of sensitive liquid components into a matrix to obtain discrete shelf-stable particles

IN Van Lengerich, Bernhard H.

PA General Mills, Inc., USA

SO PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2000021504	A1	20000420	WO 1999-US20905	19991006
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

US 7201923	B1	20070410	US 1999-233443	19990120
EP 1900283	A2	20080319	EP 2007-24107	19990323
EP 1900283	A3	20100210		
R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, LT, LV, RO, SI				
CA 2345815	A1	20000420	CA 1999-2345815	19991006
AU 9963872	A	20000501	AU 1999-63872	19991006
AU 777977	B2	20041104		
EP 1119345	A1	20010801	EP 1999-951433	19991006
EP 1119345	B1	20090429		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY				
JP 2002527375	T	20020827	JP 2000-575480	19991006
AT 429813	T	20090515	AT 1999-951433	19991006
PT 1119345	E	20090727	PT 1999-951433	19991006
ES 2326502	T3	20091013	ES 1999-951433	19991006
PRAI US 1998-103700P	P	19981009		
US 1998-109696P	P	19981124		
US 1999-233443	A	19990120		
US 1998-79060P	P	19980323		
EP 1999-912231	A3	19990323		
WO 1999-US20905	W	19991006		
OSC.G 14	THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)			
RE.CNT 1	THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD			
	ALL CITATIONS AVAILABLE IN THE RE FORMAT			

=> d 112 17

L12 ANSWER 17 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1998:293427 CAPLUS
DN 129:8597
OREF 129:1853a,1856a
TI Embedding and encapsulation of controlled release particles
IN Van Lengerich, Bernhard H.
PA Van Lengerich, Bernhard H., USA
SO PCT Int. Appl., 63 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9818610	A1	19980507	WO 1997-US18984	19971027
	W: AU, CA, JP, NO, PL, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2269806	A1	19980507	CA 1997-2269806	19971027
	CA 2269806	C	20060124		
	AU 9749915	A	19980522	AU 1997-49915	19971027
	AU 744156	B2	20020214		
	EP 935523	A1	19990818	EP 1997-912825	19971027
	EP 935523	B1	20040929		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002511777	T	20020416	JP 1998-520558	19971027
	EP 1342548	A1	20030910	EP 2003-10031	19971027
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	AT 277739	T	20041015	AT 1997-912825	19971027
	PL 191399	B1	20060531	PL 1997-333095	19971027
	NO 9902036	A	19990428	NO 1999-2036	19990428
PRAI	US 1996-29038P	P	19961028		

US 1997-52717P P 19970716
EP 1997-912825 A3 19971027
WO 1997-US18984 W 19971027
OSC.G 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS RECORD (24 CITINGS)
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 18

L12 ANSWER 18 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1993:455828 CAPLUS
DN 119:55828
OREF 119:9945a,9948a
TI Status of certain additional over-the-counter drug category II and III active ingredients
CS United States Food and Drug Administration, Rockville, MD, 20857, USA
SO Federal Register (1993), 58(88), 27636-44, 10 May 1993
CODEN: FEREAC; ISSN: 0097-6326
DT Journal
LA English

=> d 112 19

L12 ANSWER 19 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1992:639562 CAPLUS
DN 117:239562
OREF 117:41313a,41316a
TI Status of certain over-the-counter drug category II and III active ingredients. [Erratum to document cited in CA114(10):88452e]
CS United States Food and Drug Administration, Rockville, MD, 20857, USA
SO Federal Register (1992), 57(191), 45295, 1 Oct 1992
CODEN: FEREAC; ISSN: 0097-6326
DT Journal
LA English

=> d 112 20

L12 ANSWER 20 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1992:455740 CAPLUS
DN 117:55740
OREF 117:9735a,9738a
TI Status of certain over-the-counter drug category II and III active ingredients. [Erratum to document cited in CA114(10):88452e]
CS United States Food and Drug Administration, Rockville, MD, 20857, USA
SO Federal Register (1992), 57(20), 3526, 30 Jan 1992
CODEN: FEREAC; ISSN: 0097-6326
DT Journal
LA English

=> d 112 21

L12 ANSWER 21 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1991:88452 CAPLUS
DN 114:88452
OREF 114:14971a,14974a
TI Status of certain over-the-counter drug category II and III active ingredients
CS United States Food and Drug Administration, Rockville, MD, 20857, USA

SO Federal Register (1990), 55(216), 46914-21, 7 Nov 1990
CODEN: FEREAC; ISSN: 0097-6326
DT Journal
LA English

=> d 112 22

L12 ANSWER 22 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1980:487930 CAPLUS
DN 93:87930
OREF 93:13937a,13940a
TI Precipitation of bismuth 8-quinolinolate from homogeneous
solution by urea hydrolysis
AU Reddy, G. Siva; Reddy, Y. Krishna
CS Dep. Chem., Sri Venkatesawara Univ., Tirupati, 517502, India
SO Analyst (Cambridge, United Kingdom) (1980), 105(1249), 391-5, 1 Plate
CODEN: ANALAO; ISSN: 0003-2654
DT Journal
LA English

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	43.65	629.78

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LAST RELOADED: Aug 6, 2010 (20100806/UP).

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	629.99

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FILE COVERS 1907 - 17 Aug 2010 VOL 153 ISS 8
FILE LAST UPDATED: 16 Aug 2010 (20100816/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2010

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d 112 23

L12 ANSWER 23 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1966:42987 CAPLUS
DN 64:42987
OREF 64:7966f-g
TI Ignition and flame tests of organic pharmaceutical substances
AU Morvay, J.; Racz, I.; Gati, L.
CS Univ. Med. Sci., Szeged, Hung.
SO Gyogyszereszet (1965), 9(12), 472-3
CODEN: GYOGAI; ISSN: 0017-6036
DT Journal
LA Hungarian

=> d 112 24

L12 ANSWER 24 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1966:26746 CAPLUS
DN 64:26746
OREF 64:4872f
TI Compound alteration of diazepam
AU Ozaki, Akira; Inoue, Yoshinori; Hashiguchi, Nobuhiko
CS Toyokogyo Co. Hosp., Hiroshima, Japan
SO Yakuzaigaku (1965), 25(2), 157-60
CODEN: YAKUA2; ISSN: 0372-7629
DT Journal
LA Japanese

=> d 112 25

L12 ANSWER 25 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1961:50734 CAPLUS
DN 55:50734
OREF 55:9783c-d
TI Methods of preparing isotonic solutions by means of graphs or tables on the basis of experimentally found iso-osmotic values
AU Hammarlund, E. R.; Larsen, J.; Pedersen-Bjergaard, K.
CS Univ. of Washington, Seattle
SO Pharmaceutica Acta Helvetiae (1960), 35, 593-607
CODEN: PAHEAA; ISSN: 0031-6865
DT Journal
LA English

=> d 112 26

L12 ANSWER 26 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1958:80541 CAPLUS
DN 52:80541
OREF 52:14269f-i,14270a
TI The volatility of polonium compounds
AU Mabuchi, Hisao

CS Univ. Tokyo
SO Bulletin of the Chemical Society of Japan (1958), 31, 245-6
CODEN: BCSJA8; ISSN: 0009-2673
DT Journal
LA Unavailable

=> d 112 27

L12 ANSWER 27 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1952:47874 CAPLUS
DN 46:47874
OREF 46:7927g-i,7928a-d
TI Chromatographic analysis of metals by organic reagents
AU Ashizawa, Takashi
CS Okayama Univ.
SO Repts. Balneol. Lab. Okayama Univ. (1951), (No. 5), 1-42
DT Journal
LA English

=> s 111 and prepolymer
24435 PREPOLYMER
11828 PREPOLYMERS
29573 PREPOLYMER
(PREPOLYMER OR PREPOLYMERS)
L13 10 L11 AND PREPOLYMER

=> d 113

L13 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2004:305177 CAPLUS
DN 140:304723
TI Polyurethane composition containing a bismuth catalyst
IN Burckhardt, Urs; Diener, Andreas
PA Sika Technology A.-G., Switz.
SO Eur. Pat. Appl., 21 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 1408062	A1	20040414	EP 2002-22561	20021008
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	CA 2501224	A1	20040422	CA 2003-2501224	20031001
	WO 2004033519	A1	20040422	WO 2003-EP10931	20031001
	WO 2004033519	A9	20050526		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003285287	A1	20040504	AU 2003-285287	20031001
	EP 1551895	A1	20050713	EP 2003-778270	20031001
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 BR 2003015173 A 20050823 BR 2003-15173 20031001
 CN 1703437 A 20051130 CN 2003-80101128 20031001
 CN 100354331 C 20071212
 JP 2006502267 T 20060119 JP 2004-542408 20031001
 JP 4220467 B2 20090204
 US 20060180274 A1 20060817 US 2005-529894 20050322
 MX 2005003678 A 20050816 MX 2005-3678 20050407
 PRAI EP 2002-22561 A 20021008
 WO 2003-EP10931 W 20031001

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 140:304723

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 113 2

L13 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1997:692721 CAPLUS

DN 127:279426

OREF 127:54559a,54562a

TI Preparing elastomeric polyurethanes having reduced surface
 skinning and improved green strength

IN Pantone, Richard S.; Sarpeshkar, Ashok M.

PA Bayer A.-G., USA

SO Can. Pat. Appl., 43 pp.

CODEN: CPXXEB

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 2188504	A1	19970629	CA 1996-2188504	19961022
	CA 2188504	C	20040907		
	US 5719229	A	19980217	US 1995-580268	19951228
PRAI	US 1995-580268	A	19951228		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

=> d 113 2 all

L13 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1997:692721 CAPLUS

DN 127:279426

OREF 127:54559a,54562a

ED Entered STN: 03 Nov 1997

TI Preparing elastomeric polyurethanes having reduced surface
 skinning and improved green strength

IN Pantone, Richard S.; Sarpeshkar, Ashok M.

PA Bayer A.-G., USA

SO Can. Pat. Appl., 43 pp.

CODEN: CPXXEB

DT Patent

LA English

CC 39-4 (Synthetic Elastomers and Natural Rubber)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 2188504	A1	19970629	CA 1996-2188504	19961022

CA 2188504	C	20040907		
US 5719229	A	19980217	US 1995-580268	19951228
PRAI US 1995-580268	A	19951228		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
CA 2188504	IPCI	C08G0018-10 [ICM,6]; C08G0018-42 [ICS,6]; C08G0018-32 [ICS,6]; C08G0018-22 [ICS,6]; C08G0018-00 [ICS,6,C*]
	IPCR	C08G0018-00 [I,C*]; C08G0018-10 [I,A]; C08G0018-42 [I,A]; C08K0005-00 [I,C*]; C08K0005-00 [I,A]
	ECLA	C08G018/10+18/32; C08G018/42; C08K005/00P+L75/06
US 5719229	IPCI	C08K0005-07 [ICM,6]; C08K0005-09 [ICS,6]; C08K0005-13 [ICS,6]; C08K0005-21 [ICS,6]; C08K0005-00 [ICS,6,C*]
	IPCR	C08G0018-00 [I,C*]; C08G0018-10 [I,A]; C08G0018-42 [I,A]; C08K0005-00 [I,C*]; C08K0005-00 [I,A]
	NCL	524/706.000; 524/710.000; 524/723.000; 524/728.000; 524/736.000; 524/738.000; 524/741.000; 524/742.000; 524/765.000; 524/770.000; 524/773.000; 524/775.000; 528/048.000; 528/049.000; 528/051.000; 528/052.000; 528/053.000; 528/059.000; 528/080.000; 528/083.000; 528/084.000
	ECLA	C08G018/10+18/32; C08G018/42; C08K005/00P+L75/06

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The title elastomeric polyurethanes are prepared by reacting, in an open mold at an NCO index 80-120, (a) an isocyanate prepolymer having an NCO content 3-15% and a number-average mol. weight (Mn) 550-20,000 prepared by the reaction of (1) organic polyisocyanates having 2-3 NCO groups, and (2) isocyanate-reactive polyester polyols having 2-3 isocyanate-reactive OH groups and a Mn 400-10,000 and prepared in the presence of an esterification catalyst, and optionally containing other isocyanate-reactive compds., where the equivalent ratio of isocyanate groups to isocyanate-reactive groups is 1.2-34:1; (b) a diol chain extender, optionally in admixt. with a crosslinker and/or an amino-containing chain extender and/or crosslinker; (c) 0.001-10% catalyst; and (d) 0.01-5% surface skinning retardants consisting of (1) certain carboxylic acids and derivs., (2) 1,2-diketones, 1,3-diketones, and aromatic hydroxyketones; (3) mono- and dihydric phenols, (4) N-substituted ureas and thioureas, and/or (5) certain P compds. To the prepolymer of poly(butylene adipate) and MDI was added salicylic acid and a chain extender of 1,4-butanediol to give a cast molding with no surface skinning.

ST polyester polyurethane elastomer manuf; surface skinning reduced polyurethane elastomer; carboxylic acid surface skinning retardant elastomer; diketone surface skinning retardant elastomer; hydroxyketone surface skinning retardant elastomer; phenol surface skinning retardant elastomer; urea surface skinning retardant elastomer; thiourea surface skinning retardant elastomer; phosphite surface skinning retardant elastomer

IT Urethane rubber, preparation
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); PREP (Preparation); USES (Uses)
 (polyester-, block; preparing elastomeric polyurethanes having reduced surface skinning and improved green strength)

IT 94189-49-8P, Adipic acid-1,4-butanediol-MDI block copolymer 107592-09-6P
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); PREP (Preparation); USES (Uses)
 (preparing elastomeric polyurethanes having reduced surface skinning and improved green strength)

IT 57-11-4P, Stearic acid, preparation 62-56-6P, Thiourea, preparation 65-85-0P, Benzoic acid, preparation 69-72-7P, Salicylic acid, preparation 87-69-4P, Tartaric acid, preparation 96-31-1P, N,N'-Dimethylurea 98-88-4P, Benzoyl chloride 99-96-7P,

p-Hydroxybenzoic acid, preparation 102-08-9P, 1,3-Diphenyl-2-thiourea 109-46-6P, 1,3-Dibutylthiourea 119-53-9P, Benzoin 120-46-7P, Dibenzoylmethane 121-45-9P, Trimethyl phosphite 122-04-3P, p-Nitrobenzoyl chloride 123-54-6P, 2,4-Pentanedione, preparation 124-04-9P, Adipic acid, preparation 128-37-0P, 2,6-Di-tert-butyl p-cresol, preparation 134-81-6P, Benzil 148-24-3P, 8-Hydroxyquinoline, preparation 431-03-8P, 2,3-Butanedione 598-50-5P, N-Methylurea 611-92-7P, N,N'-Dimethylcarbanilide 632-22-4P 756-79-6P, Dimethyl methylphosphonate 762-04-9P, Diethyl phosphite 1779-48-2P, Phenylphosphinic acid 27213-78-1P, tert-Butyl catechol
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); PREP (Preparation); USES (Uses)

(surface skinning retardant; preparing elastomeric polyurethanes having reduced surface skinning and improved green strength)

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

UPOS.G Date last citing reference entered STN: 16 Feb 2009

OS.G CAPLUS 2001:449912

=> d 113 3

L13 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1993:498057 CAPLUS

DN 119:98057

OREF 119:17669a,17672a

TI Marine compositions bearing preferentially concentrated domains of non-tin, organic antifouling agents

IN McGinniss, Vincent D.; Dick, Richard J.

PA Battelle Memorial Institute, USA

SO PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9220747	A1	19921126	WO 1992-US4077	19920514
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
	CA 2107207	A1	19921118	CA 1992-2107207	19920514
	AU 9219235	A	19921230	AU 1992-19235	19920514
	AU 660030	B2	19950608		
	EP 584204	A1	19940302	EP 1992-911523	19920514
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE				
	JP 06507661	T	19940901	JP 1992-510674	19920514
	US 5441743	A	19950815	US 1993-56589	19930430
PRAI	US 1991-702241	A	19910517		
	US 1988-287899	B2	19881221		
	WO 1992-US4077	A	19920514		

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 113 4

L13 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1987:529123 CAPLUS

DN 107:129123

OREF 107:20779a,20782a

TI Tree treatment composition containing the reaction products of fungicides with acrylic resins

IN Odor, Zoltan; Vajna, Laszlo; Hajos, Ferenc, Mrs.
 PA Innofinance Altalanos Innovacios Penzintezet, Hung.
 SO PCT Int. Appl., 26 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 8700399	A1	19870129	WO 1986-HU43	19860716
	W: BG, BR, DK, FI, JP, KR, NO, RO, SU, US				
	RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
	HU 41215	A2	19870428	HU 1985-2719	19850716
	EP 229176	A1	19870722	EP 1986-904905	19860716
	EP 229176	B1	19901017		
	R: AT, CH, DE, FR, GB, IT, LI				
	AT 57458	T	19901115	AT 1986-904905	19860716
	DD 255470	A5	19880406	DD 1986-293357	19860801
	IL 79653	A	19910630	IL 1986-79653	19860807
	CN 86105414	A	19880323	CN 1986-105414	19860902
PRAI	HU 1985-2719	A	19850716		
	EP 1986-904905	A	19860716		
	WO 1986-HU43	A	19860716		

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
 RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 113 5

L13 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1984:546812 CAPLUS
 DN 101:146812
 OREF 101:22184h,22185a
 TI Immobilization of an enzyme
 PA Mitsubishi Petrochemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59102393	A	19840613	JP 1982-211117	19821201
	JP 03018876	B	19910313		
PRAI	JP 1982-211117		19821201		

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

=> d 113 6

L13 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1983:454750 CAPLUS
 DN 99:54750
 OREF 99:8558h,8559a
 TI Polyurethane emulsifiers with blocked isocyanate groups
 PA Mitsubishi Petrochemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 58040134	A	19830309	JP 1981-138377	19810904
PRAI	JP 1981-138377		19810904		

=> d 113 7

L13 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1983:162523 CAPLUS
 DN 98:162523
 OREF 98:24659a,24662a
 TI Primers for concrete
 PA Mitsubishi Petrochemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 57174354	A	19821027	JP 1981-58590	19810420
PRAI	JP 1981-58590		19810420		
OSC.G	1	THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)			

=> d 113 7 abs

L13 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
 AB Aqueous primers for concrete contain urethane prepolymers derived from hydrophilic polyols, polyisocyanates, and blocking agents such as imidazole (I), I derivs. hydroxypyridine, hydroxyquinoline, and phenols having pKa 5-9.5. Thus, 84 parts polyether polyol (mol. weight 5000, prepared from trimethylopropane and 85:15 mol ethylene oxide-propylene oxide mixture) and 16 parts tolylene diisocyanate were mixed to give a prepolymer. A mixture of 100 parts of the prepolymer and 9.5 parts imidazole was thinned with H2O to 10% solids, applied to a concrete slab to 200 g/m2, and dried 2 h. The primed slab was coated with an acrylic emulsion to form a coating which had adhesion to the substrate after 1 mo of outdoor exposure at 45° (cross-cut test) 98/100, compared with 50/50 for a similar coating without priming.

=> d 113 7 all

L13 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1983:162523 CAPLUS
 DN 98:162523
 OREF 98:24659a,24662a
 ED Entered STN: 12 May 1984
 TI Primers for concrete
 PA Mitsubishi Petrochemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 CC 42-7 (Coatings, Inks, and Related Products)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 57174354	A	19821027	JP 1981-58590	19810420
PRAI	JP 1981-58590		19810420		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 57174354	IPCI	C09D0003-72; B05D0007-00; B05D0007-24; C09D0005-00; C08G0018-80 [ICA]; C08G0018-00 [ICA,C*]
	IPCR	C09D0005-00 [I,C*]; C09D0005-00 [I,A]; B05D0007-00 [I,C*]; B05D0007-00 [I,A]; B05D0007-24 [I,C*]; B05D0007-24 [I,A]; C08G0018-00 [I,C*]; C08G0018-00 [I,A]; C08G0018-80 [I,A]; C09D0175-00 [I,C*]; C09D0175-00 [I,A]
AB	Aqueous primers for concrete contain urethane prepolymers derived from hydrophilic polyols, polyisocyanates, and blocking agents such as imidazole (I), I derivs. hydroxypyridine, hydroxyquinoline, and phenols having pKa 5-9.5. Thus, 84 parts polyether polyol (mol. weight 5000, prepared from trimethylopropane and 85:15 mol ethylene oxide-propylene oxide mixture) and 16 parts tolylene diisocyanate were mixed to give a prepolymer. A mixture of 100 parts of the prepolymer and 9.5 parts imidazole was thinned with H2O to 10% solids, applied to a concrete slab to 200 g/m2, and dried 2 h. The primed slab was coated with an acrylic emulsion to form a coating which had adhesion to the substrate after 1 mo of outdoor exposure at 45° (cross-cut test) 98/100, compared with 50/50 for a similar coating without priming.	
ST	urethane polymer primer concrete; moisture curable polyurethane primer; imidazole blocked urethane prepolymer	
IT	Concrete (primers for, blocked isocyanate group-containing urethane polymers as water-thinned)	
IT	Coating materials (primers, water-thinned, blocked isocyanate group-containing urethane polymers, for concrete)	
IT	88-75-5D, reaction products with isocyanate-terminated urethane polymers 142-08-5D, reaction products with isocyanate-terminated urethane polymers 148-24-3D, reaction products with isocyanate-terminated urethane polymers 288-32-4D, reaction products with isocyanate-terminated urethane polymers 534-26-9D, reaction products with isocyanate-terminated urethane polymers 9042-77-7D, reaction products with methylimidazoline 39359-47-2D, reaction products with hydroxypyridine 68833-79-4D, reaction products with imidazole RL: USES (Uses) (primers, water-thinned, for concrete)	
OSC.G	1	THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
UPOS.G	Date last citing reference entered STN: 16 Feb 2009	
OS.G	CAPLUS 2001:329584	

=> d 113 8

L13 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1983:95661 CAPLUS
DN 98:95661
OREF 98:14499a,14502a
TI Sustained-release formulations containing imidazoles, triazines, purines, and uracil derivatives
PA Mitsubishi Petrochemical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	PI	JP 57175112	A	19821028	JP 1981-58591	19810420
	PRAI	JP 1981-58591		19810420		

=> d 113 9

L13 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1981:426067 CAPLUS
 DN 95:26067
 OREF 95:4558h,4559a
 TI Aqueous resin emulsions containing urethane prepolymer compositions slowly hardenable with water
 IN Yoshimura, Naoki; Hijikata, Kenji; Hosokawa, Noritaka
 PA Mitsubishi Petrochemical Co., Ltd. , Japan
 SO Ger. Offen., 33 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3039271	A1	19810430	DE 1980-3039271	19801017
	DE 3039271	C2	19940310		
	JP 56059832	A	19810523	JP 1979-134756	19791019
	JP 63038370	B	19880729		
	JP 56110717	A	19810902	JP 1980-12877	19800205
	JP 56112965	A	19810905	JP 1980-15745	19800212
	JP 57025320	A	19820210	JP 1980-100172	19800722
	US 4322327	A	19820330	US 1980-196831	19801014
PRAI	JP 1979-134756	A	19791019		
	JP 1980-12877	A	19800205		
	JP 1980-15745	A	19800212		
	JP 1980-100172	A	19800722		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)

=> d 113 10

L13 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1974:414525 CAPLUS
 DN 81:14525
 OREF 81:2351a,2354a
 TI Heat stabilizers for polyurethane elastomers
 IN Nagai, Kazuhiro; Okada, Haruo; Sasanuma, Masaaki; Murata, Renpei
 PA Toho Rayon Co., Ltd.
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 48096648	A	19731210	JP 1972-23967	19720310
	JP 51010627	B	19760405		
PRAI	JP 1972-23967	A	19720310		

=> d 113 10 all

L13 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1974:414525 CAPLUS
 DN 81:14525
 OREF 81:2351a,2354a
 ED Entered STN: 12 May 1984
 TI Heat stabilizers for polyurethane elastomers
 IN Nagai, Kazuhiro; Okada, Haruo; Sasanuma, Masaaki; Murata, Renpei
 PA Toho Rayon Co., Ltd.
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 CC 38-9 (Elastomers, Including Natural Rubber)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 48096648	A	19731210	JP 1972-23967	19720310
	JP 51010627	B	19760405		
PRAI	JP 1972-23967	A	19720310		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
-----	-----	-----
JP 48096648	INCL	25(1)D52; 25(1)A29
	IPCR	C08L0075-00 [N,C*]; C08L0075-04 [N,A]

AB A polyurethane derived from a urethane prepolymer with isocyanate end groups and aromatic or aliphatic diamine containing 0.05-5 weight% quinoline derivs. having C1-10 alkyl, NH2, SH, or OH substitution(s) on the quinoline rings and optionally phenolic stabilizers(s) has good heat resistance. Thus, a mixture of 50 parts polyester-type urethane prepolymer of mol. weight 1860 and 50 parts polyester-type urethane prepolymer of mol. weight 1500 was degassed at 70-90.deg./5mm for 30-60 min, mixed with 4,4'-methylene-bis(2-chloroaniline) 13.2, 8-hydroxyquinoline (I) [148-24-3] 0.5, and 2,5-di-tert-butylhydroquinone(II) 0.5 part, and the mixture was poured in a mold and cured 3 hr at 120.deg. to give 3-mm test sheets. The sheets had tensile strengths 5.50 and 5.48 kg/mm2 before and after 6 days at 130.deg., compared with 5.04 and 1.90 kg/mm2, resp., for similar sheets without I and II.

ST polyurethane heat resistance; quinoline deriv heat stabilizer; phenolic heat stabilizer

IT Heat stabilizers
 (dibutylhydroquinone and hydroxyquinoline, for urethane rubbers)

IT Rubber, urethane, uses and miscellaneous
 (heat stabilizers for, hydroxyquinoline and dibutylhydroquinone as)

IT 88-58-4 148-24-3, uses and miscellaneous
 RL: MOA (Modifier or additive use); USES (Uses)
 (heat stabilizers, for urethane rubbers)

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
49.58	679.57

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-3.40	-3.40

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STN INTERNATIONAL LOGOFF AT 14:46:56 ON 17 AUG 2010

